IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

K. KAKI, et al.

Application No.:

Rule 1.53(b) Continuation of U.S. Patent Application

Serial No. 10/387,478, filed March 14, 2003

Filed:

On Even Date Herewith

For:

SEMICONDUCTOR STORAGE APPARATUS IN WHICH

DIFFERENT ERASE COMMANDS ARE

SEQUENTIALLY SENT TO A PLURALITY OF NONVOLATILE SEMICONDUCTOR MEMORIES

(As Amended)

Art Group of Parent:

2187

Examiner of Parent:

G. A. Gossage

<u>UNDER 37 CFR §1.97 & 1.98</u>

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

February 25, 2004

Sir:

In the matter of the above-identified application, this Information Disclosure Statement is being submitted with the following citation as specified in 37 CFR §1.97(d).

"A copy of any patent, publication or other information listed in an Information Disclosure Statement is not required to be provided if it was previously cited by or submitted to the Office in a prior application, provided that the prior application is properly identified in the statement and relied upon for an earlier filing date under 35 U.S.C. §120."

Applicants are submitting herewith a copy of Form PTO/SB/08A which list documents cited in parent applications Serial No. 10/387,478, filed March 14, 2003, which is a continuation of application Serial No. 09/879,960, filed June 14, 2001, which is a continuation of Serial No. 09/706,843, filed on November 7, 2000 (now U.S. Patent No. 6,457,092), which is a continuation of Serial No. 09/006,486 filed on

January 13, 1998 (now U.S. Patent No. 6,145,050), which is a continuation of application Serial No. 08/669,914 filed on June 25, 1996 (now U.S. Patent No. 5,809,515), which is a continuation of application Serial No. 08/079,550, filed June 22, 1993 (now U.S. Patent No. 5,530,828), the entire disclosures of which are hereby incorporated by reference. In addition, as another line of copendency, the present application is a continuation of application Serial No. 10/387, filed March 14. 2003, which is a continuation of application Serial No. 10/132,322, filed April 26, 2002, which is a continuation of Serial no. 09/706,843, filed on November 7, 2000 (now U.S. Patent No. 6,457,092), which is a continuation of Serial No. 09/006,486. filed on January 13, 1998 (now U.S. Patent 6,145,050) which is a continuation of application No. 08/669,914, filed on June 25, 1996 (now U.S. Patent No. 5,809,515), which is a continuation of application Serial No. 09/079,550, filed June 22, 1993 (now U.S. Patent No. 5,530,828), the entire disclosures of which are hereby incorporated by reference.

It is respectfully requested that this information disclosure statement be considered by the Examiner.

To the extent necessary, the applicants petition for an extension of time under 37 CFR 1.136. Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of Antonelli, Terry, Stout & Kraus, Deposit Account No. 01-2135 (Docket No. 566.32253CC8).

Respectfully submitted,

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Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known Substitute for form 1449A/PTO Not assigned yet Application Number INFORMATION DISCLOSURE On even date herewith Filing Date STATEMENT BY APPLICANT First Named Inventor K. KAKI, et al. **Art Unit** Not assigned yet (use as many sheets as necessary) **Examiner Name** Not assigned yet 3 566.32253CC8 Sheet **Attorney Docket Number**

Examiner Initials'		Document Number			Pages, Columns, Lines, Where
	Cite No.1	Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
		4,803,554	02/1989	Pape	
		5,222,046	06/1993	Kreifels	
		5,386,539	01/1995	Nishi	
		5,437,020	07/1995	Wells et al.	
		5,544,356	08/1996	Robinson et al.	
		4,899,272	02/1990	Fung et al.	
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		5,268,870	12/1993	Harari	
		5,341,489	08/1994	Heiberger	
		5,053,990	10/1991	Kreifels et al.	
		5,263,003	11/1993	Cowles et al.	
		5,295,255	03/1994	Malecek et al.	

		FOREIG	N PATENT DO	CUMENTS		
Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages	
Initials'	No. ¹	Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY	Applicant of Cited Document	or Relevant Figures Appear	T ⁶
		JP 62-36799	02/1987			
		DE 3200872	07/1983			
		JP 1-235075	09/1989			
		GB 2251323	07/1992			
		WO 92-18928	10/1992			

	OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS								
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), cublisher, city and/or country where published	T ²						
		Hitachi IC Memory Data Book, Mar. 1989, pp. 65-72 & 746-751							
		Eli Harari "Semiconductor Device employing flash EEPROM, optimization to be used for an external storage device for small-sized personal computer" Nikkei Electronics, Nikkei BP Inc. 1992, Feb. 17, No. 547, pp. 155-168							
		Eli Harari "Semiconductor disk device using a flash EEPROM, optimizing for the external storage of small sized PC" Nikkei Electronics, Japan, Nikkei BP Feb. 17, 1992, No. 547, pp. 155-168							
		Yoshi TOKUSHIGE et al., "Future vision of N and type EEPROM, enlarging the capacity by twice in a year and producing an exclusive device with 64M in 1994" Nikkei Electronics, Nikkei BP Inc. 1992, Feb. 17, No. 547, pp 169-186							

Examiner	Date	
Signature	Considered	

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¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard St.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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				Application Number	Not assigned yet	
	INFORMATION DISCL	.osi	JRE	Filing Date	On even date herewith	
	STATEMENT BY APP	LIC	ANT	First Named Inventor	T. KOBAYASHI, et al.	
				Art Unit	Not assigned yet	
	(use as many sheets as neo	essa	ν)	Examiner Name	Not assigned yet	
Sheet	2	of	3	Attorney Docket Number	500.38759CC8	

			U.S. PAIENT	DOCUMENTS	
Examiner Initials'	0.1	Document Number			Pages, Columns, Lines, Where
	Cite No. ¹	Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
		5,267,218	11/1993	Elbert	
		5,245,572	09/1993	Kosonocky	
		5,280,447	01/1994	Hazen et al.	
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	•	5,341,339	08/1994	Wells	
		5,418,752	05/1995	Harari et al.	
		5,530,828	06/1996	Kaki et al.	

		FOREIG	N PATENT DO	CUMENTS		
Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages	
Initials'	No. ¹	Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY	Applicant of Cited Document	or Relevant Figures Appear	T ⁶
		JP 2-292798	12/4/90			l
		JP 2-62687	3/02/90			
		JP 5-27924	2/05/93			
		JP 2-304614	12/18/90			
		JP 2-149165	12/19/90			
		JP 4-57295	2/25/92			
		JP 3-252993	11/12/91			
		JP 4-33029	2/04/92			

	OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²				
		Eli Harari "Semiconductor Device employing flash EEPROM, optimization to be used for an external storage device for small-sized personal computer" Nikkei Electronics, Nikkei BP Inc. 1992, Feb. 17, No. 547, pp. 155-168					

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				U.S. PATENT I	DOCUMENTS	
Examiner Initials'	Cite No. ¹	Document Number Number-Kind Code ² (if known)		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		5,663,901	1	09/1997	Wallace et al.	
		5,689,676		11/1997	Hirose et al.	•
					 	
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		FOREIG	N PATENT DO	CUMENTS		
Examiner	Cite	Foreign Patent Document	Publication Date		Pages, Columns, Lines,	
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		JP 5-204561	08/1993			
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		JP 5-028039	02/1993			
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	OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T²				

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